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PCT App. No.: PCT/FI2003/000766

Claim Listing

- 1–23. (cancelled)
24. (new) A method for the manufacture of coating, comprising the steps of:
mixing two or more components in two or more mixing zones arranged in series
and/or in parallel, of which at least some of said two or more mixing zones are
pressurized at a pressure level about 100 to 1,000 kPa.
25. (new) The method of claim 24 wherein the pressure level in a mixing zone of
said two or more mixing zones is about 200–500 kPa.
26. (new) The method of claim 24 wherein the components to be mixed are in a
pressurized space also at least between the pressurized mixing zones.
27. (new) The method of claim 26 wherein components are supplied to said two or
more mixing zones from component feeding pumps, and wherein the mixed components are
supplied to a machine container, and wherein a mixing arrangement is used, which is
pressurized from the component feeding pumps to the machine container.
28. (new) The method of claim 24 wherein at least one of the components to be
mixed is led to the mixing zone through a deaeration means.
29. (new) The method of claim 24 wherein the temperature of the coating is
controlled with a temperature control system arranged in connection with one or more mixing
zones.
30. (new) The method of claim 24 wherein the components mixed in one or more
mixing zones are fed to a pressure screen.

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31. (new) The method of claim 24 wherein the components mixed in one or more mixing zones are fed to a separator, into which an underpressure of approximately 0.5–50 kPa is arranged.

32. (new) The method of claim 31 wherein an underpressure in the separator of approximately 2–15 kPa is arranged.

33. (new) The method of claim 31, wherein from the separator the mixture is transferred for screening and from the screening it is further transferred to a coating station.

34. (new) The method of claim 24 wherein the properties of the mixture and/or a part of the mixture formed by the mixed components are measured with one or more measurement devices arranged after at least one mixing zone.

35. (new) An arrangement in the manufacture of coating, comprising:
means for transferring and mixing coating components, wherein the means for mixing the components is arranged to two or more serial and/or parallel mixing zones, of which at least some are pressurized to a pressure level of approximately 100–1000 kPa.

36. (new) The arrangement of claim 35 wherein into one of the mixing zones a pressure level has been arranged, which is approximately 200–500 kPa.

37. (new) The arrangement of claim 35 wherein the arrangement is also pressurized between the mixing zones.

38. (new) The arrangement of claim 35 further comprising means for removing and/or reducing air from one or more components being fed to a mixing zone.